Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ACT PRACTICE – QUIZ – MR. ARBO

1. If a discount of 20% off the retail price of a desk saves Mark $45, how much did he pay for the desk?

A. $145   
B. $160   
C. $180   
D. $210   
E. $215

2. A customer pays $1,100 in state taxes on a newly purchased car. What is the value of the car if state taxes are 8.9% of the value?

A. $9.765.45   
B. $10,876.90   
C. $12,359.55   
D. $14,345.48   
E. $15,745.45

3. How many years does Steven need to invest his $3,000 at 7% to earn $210 in simple interest?

A. 1 year   
B. 2 years   
C. 3 years   
D. 4 years   
E. 5 years

4. Sabrina's boss states that she will increase Sabrina's salary from $12,000 to $14,000 per year if she enrolls in business courses at a local community college. What percent increase in salary will result from Sabrina taking the business courses?

A. 15%   
B. 16.7%   
C. 17.2%   
D. 85%   
E. 117%

5. 35% of what number is 70?

A. 100   
B. 110   
C. 150   
D. 175   
E. 200

6. What number is 5% of 2000?

A. 50   
B. 100   
C. 150   
D. 200   
E. 250

7. What percent of 90 is 27?

A. 15%   
B. 20%   
C. 30%   
D. 33%   
E. 41%

8. Jim works for $15.50 per hour for a health care facility. He is supposed to get a 75 cent per hour raise at one year of service. What will his percent increase in hourly pay be?

A. 2.7%   
B. 3.3%   
C. 133%   
D. 4.8%   
E. 105%

9. If 45 is 120% of a number, what is 80% of the same number?

A. 30   
B. 32   
C. 36   
D. 38   
E. 41

10. How long will Lucy have to wait before her $2,500 invested at 6% earns $600 in simple interest?

A. 2 years   
B. 3 years   
C. 4 years   
D. 5 years   
E. 6 years

71. What is 35% of a number if 12 is 15% of a number?

A. 5   
B. 12   
C. 28   
D. 33   
E. 62

12. A computer is on sale for $1600, which is a 20% discount off the regular price. What is the regular price?

A. $1800   
B. $1900   
C. $2000   
D. $2100   
E. $2200

13. A car dealer sells a SUV for $39,000, which represents a 25% markup over the dealer's cost. What was the cost of the SUV to the dealer?

A. $29,250   
B. $31,200   
C. $32,500   
D. $33,800   
E. $33,999

14. After having to pay increased income taxes this year, Edmond has to sell his BMW. Edmond bought the car for $49,000, but he sold it for a 20% loss. What did Edmond sell the car for?

A. $24,200   
B. $28,900   
C. $35,600   
D. $37,300   
E. $39,200

15. At a company fish fry, ½ in attendance are employees. Employees' spouses are 1/3 of the attendance. What is the percentage of the people in attendance who are not employees or employee spouses?

A. 10.5%   
B. 16.7%   
C. 25%   
D. 32.3%   
E. 38%

16. If 6 is 24% of a number, what is 40% of the same number

A. 8   
B. 10   
C. 15   
D. 20   
E. 25

17. 25% of 400 =

A. 100   
B. 200   
C. 800   
D. 10,000   
E. 12,000

18. 22% of $900 =

A. 90   
B. 198   
C. 250   
D. 325   
E. 375

19. Which of the following percentages is equal to 0.45?

A. 0.045%   
B. 0.45%   
C. 4.5%   
D. 45%   
E. 0.0045%

20. Which of these percentages equals 1.25?

A. 0.125%   
B. 12.5%   
C. 125%   
D. 1250%   
E. 1250.5%

Answer Key   
1. C   
2. C   
3. A   
4. B   
5. E   
6. B   
7. C   
8. D   
9. A   
10. C   
11. C   
12. C   
13. B   
14. E   
15. B   
16. B   
17. A   
18. B   
19. D   
20. C